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NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**MISSION  
COVERAGE  
STATISTICS**

**KH-4 MISSION 1117-2**

**27-31 MAY 1972**

Declass Review by NIMA / DoD

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JUNE 1972

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## INTRODUCTION

This publication provides preliminary mission data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC Chart Areas, coverage plots, and preliminary data for Mission 1117-2, dated 27-31 May 1972 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame numbers outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

Refer to the Mission Coverage Statistics (MCS) entitled Target Coverage Summary, [REDACTED] for additional information on Mission 1117-2

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## PRELIMINARY MISSION DATA

Mission Number: 1117-2

Launch Date/Time (GMT): 25 May 1972/1841

Photo Dates (GMT): 27-31 May 1972

Recovery Date/Time (GMT): 31 May 1972/2052

Operational Photo Passes: 30

Operational Altitude Limits: 87-129 NM

Photo Scale Range: 1:264,480-1:392,160

Operational Ground Coverage (Fwd and Aft):

- a. Linear Nautical Miles 47,792
- b. Square Nautical Miles 5,974,000

Frames:

Operational

Fwd-Looking 2,991

Aft-Looking 2,983

Operational Imagery Footage (Fwd and Aft): 14,618

Anomalies: No major camera anomalies were noted. There was a cyclic pressure pattern evident on three parts of the record. This pattern starts in the center of format at the beginning of a frame and continues diagonally through three or four frames, finally disappearing at the binary word edge of the film. Following are the affected areas:

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Vehicle Attitude: Normal.

Image Quality: The image quality is good and is similar to

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Cloud Free Coverage: 65 percent of the mission is cloud free.

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## GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute:

PASS	DATE	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
29D (1)	27 MAY 1972	14	01	14	02
29D (2)	27 MAY 1972	14	11	14	12
30D	27 MAY 1972	15	27	15	28
36D (1)	28 MAY 1972	00	10	00	15
36D (2)	28 MAY 1972	00	31	00	37
38D (1)	28 MAY 1972	03	13	03	14
38D (2)	28 MAY 1972	03	16	03	17
38D (3)	28 MAY 1972	03	19	03	22
39D (1)	28 MAY 1972	04	41	04	42
39D (2)	28 MAY 1972	04	43	04	44
40D	28 MAY 1972	06	10	06	11
41D (1)	28 MAY 1972	07	39	07	40
41D (2)	28 MAY 1972	07	41	07	42
41D (3)	28 MAY 1972	07	47	07	50
42D (1)	28 MAY 1972	09	10	09	11
42D (2)	28 MAY 1972	09	24	09	26
43D	28 MAY 1972	10	44	10	45
53D	29 MAY 1972	01	47	01	49
54D (1)	29 MAY 1972	03	03	03	04
54D (2)	29 MAY 1972	03	07	03	08
55D	29 MAY 1972	04	31	04	32
56D (1)	29 MAY 1972	05	54	05	55
56D (2)	29 MAY 1972	06	00	06	01
56D (3)	29 MAY 1972	06	02	06	04
57D (1)	29 MAY 1972	07	26	07	27
57D (2)	29 MAY 1972	07	34	07	34
57D (3)	29 MAY 1972	07	35	07	37
58D (1)	29 MAY 1972	08	53	08	54
58D (2)	29 MAY 1972	08	55	08	56
58D (3)	29 MAY 1972	08	57	08	58
58D (4)	29 MAY 1972	09	02	09	04
58D (5)	29 MAY 1972	09	12	09	14
58D (6)	29 MAY 1972	09	14	09	16
59D	29 MAY 1972	10	29	10	31
69D (1)	30 MAY 1972	01	32	01	35
69D (2)	30 MAY 1972	01	37	01	38
70D	30 MAY 1972	02	49	02	50
71D (1)	30 MAY 1972	04	17	04	19
71D (2)	30 MAY 1972	04	20	04	21
72D (1)	30 MAY 1972	05	40	05	41
72D (2)	30 MAY 1972	05	43	05	44
72D (3)	30 MAY 1972	05	46	05	48
72D (4)	30 MAY 1972	05	51	05	52
73D	30 MAY 1972	07	12	07	15
74D (1)	30 MAY 1972	08	39	08	43
74D (2)	30 MAY 1972	08	43	08	44
74D (3)	30 MAY 1972	08	51	08	52
74D (4)	30 MAY 1972	09	00	09	02
77D	30 MAY 1972	13	25	13	29
78D	30 MAY 1972	14	49	14	49

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GREENWICH MEAN TIME (CONTINUED)

PASS	DATE	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
86D	31 MAY 1972	02	31	02	32
87D (1)	31 MAY 1972	04	02	04	04
87D (2)	31 MAY 1972	04	06	04	07
88D (1)	31 MAY 1972	05	27	05	30
88D (2)	31 MAY 1972	05	33	05	35
89D (1)	31 MAY 1972	06	56	06	59
89D (2)	31 MAY 1972	07	04	07	06
89D (3)	31 MAY 1972	07	08	07	08
90D (1)	31 MAY 1972	08	24	08	25
90D (2)	31 MAY 1972	08	25	08	27
90D (3)	31 MAY 1972	08	32	08	33
91D	31 MAY 1972	09	59	10	02

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EURASIA



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SOUTH AMERICA

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